Low-Cost Renewable Pockets Need Shared Grid Access
Transmission Plans Enabled almost ½ of 120 GW US Land-Based Wind Capacity

<table>
<thead>
<tr>
<th>Transmission plan</th>
<th>Wind Capacity Enabled (GW)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tehachapi CA</td>
<td>4.5</td>
</tr>
<tr>
<td>Texas CREZ</td>
<td>14.5</td>
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<tr>
<td>MISO MVP</td>
<td>14</td>
</tr>
<tr>
<td>SPP Priority Projects, Balanced Portfolio</td>
<td>6</td>
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<tr>
<td>CO+ME+NV+PAC+BPA</td>
<td>10</td>
</tr>
<tr>
<td>Total</td>
<td>49</td>
</tr>
</tbody>
</table>

Source: Grid Strategies estimates

- Pro-active multi-benefit planning
- Broad, beneficiary pays cost allocation
Benefits of Proactive Planning

PJM:
Current approach: $6.4 billion for 15.5 GW, $400/kW
Proactive approach: $3.2 billion for 17 GW, or $188/kW


GLL Offshore Transmission Scenario

Comparison of Total Onshore Plus Offshore Transmission Costs

- Total Uncertainty Range
  - $9.0B
  - $8.3B
  - $7.1B
  - $6.0B
  - $5.8B
  - $6.6B

GLL Approach
- Offshore $5.1B
- Onshore $2.0B
- GLL $7.1B

Planned Offshore Transmission Scenario
Europe Moving Towards Coordinated, Shared Grid
Policy for a Northeast Offshore Network

• Plan across PJM, NY, NE with ISO/RTO, DOE/lab support
  • Study benefits & costs of different options
  • Consider resilience and severe weather scenarios

• Apply the proven transmission policy formula:
  • Pro-active multi-benefit planning
  • Broad, beneficiary pays cost allocation

• Engage states to decide on best option

• Access DOE loans in Transmission Facilitation Program in bipartisan IIJA Act

• Tax credit for regionally significant transmission in Build Back Better would reduce cost 30%

• Loans and grants for regionally significant transmission in BBB